

In the Claims:

Applicants elect to continue prosecution with claims 1 to 14 drawn to the Group I invention. Please cancel claims 15 to 21 without prejudice.

1. (previously presented) Aluminum-free borosilicate glass with chemical resistance and having a composition, in percent by weight, based on oxide content, of:

SiO ₂	60 - 78
B ₂ O ₃	7 - 20
Li ₂ O	0 - 2
Na ₂ O	0 - 4
K ₂ O	3 - 12
MgO	0 - 2
CaO	0 - 2
with MgO + CaO	0 - 3
BaO	0 - 3
ZnO	0 - 2
ZrO ₂	0.8 - 12
TiO ₂	0 - 10
CeO ₂	0 - 1
F	0 - 0.6

and optionally at least one refining agent in a standard amount for refining.

2. (previously presented) Aluminum-free borosilicate glass as defined in claim 1, characterized by a composition, in percent by weight, based on oxide content, of:

SiO ₂	67 - 75
B ₂ O ₃	9 - 18
Li ₂ O	0 - 1
Na ₂ O	0 - 3
K ₂ O	5 - 10
with Li ₂ O + Na ₂ O + K ₂ O	5.5 - 13.5
CaO	0 - 1
BaO	0 - 1
ZnO	0 - 1
TiO ₂	0 - 1
ZrO ₂	0.8 - 10.5
CeO ₂	0 - 0.4
F	0 - 0.6

and optionally at least one refining agent in a standard amount for refining.

3. (previously presented) Aluminum-free borosilicate glass as defined in claim 1, characterized by a composition, in percent by weight, based on oxide content, of:

SiO ₂	68 - 74
B ₂ O ₃	9 - 13
Li ₂ O	0 - 1
Na ₂ O	0 - 3

K_2O 5 - 10

with $Li_2O + Na_2O + K_2O$ 5.5 - 13.5

ZrO_2 3 - 7

CeO_2 0 - 0.4

F^- 0 - 0.6

and optionally at least one refining agent in a standard amount for refining.

4.(previously presented) Aluminum-free borosilicate glass as defined in claim 1, characterized by a composition, in percent by weight, based on oxide content, of:

SiO_2 71 - 74

B_2O_3 9 - 12

Li_2O 0 - 1

Na_2O 0 - 3

K_2O 7 - 10

with $Li_2O + Na_2O + K_2O$ 7 - 13.5

ZrO_2 4 - 7,

and optionally at least one refining agent in a standard amount for refining.

5.(previously presented) Aluminum-free borosilicate glass as defined in claim 1, characterized by a composition, in percent by weight, based on oxide content, of:

SiO_2 68 - 71

B_2O_3 8 - 11

Li_2O 0 - 1

Na₂O 0 - 3
K₂O 3 - 11
with Li₂O + Na₂O + K₂O 8 - 13.5
ZrO₂ 7.5 - 10.5

and optionally at least one refining agent in a standard amount for refining.

6.(previously presented) Aluminum-free borosilicate glass as defined in claim 1,
characterized by a composition, in percent by weight, based on oxide content, of:

SiO₂ 70 - 75
B₂O₃ 15 - 18
Li₂O 0 - 1
Na₂O 0 - 3
K₂O 5 - 8
with Li₂O + Na₂O + K₂O 5.5 - 10.5
CaO 0 - 1
BaO 0 - 1
TiO₂ 0 - 1
ZrO₂ 0.8 - 5

and optionally at least one refining agent in a standard amount for refining.

7.(previously presented) Aluminum-free borosilicate glass as defined in claim 1,
characterized by a composition, in percent by weight, based on oxide content, of:

SiO₂ 67 - 70

B ₂ O ₃	15 - 18
Li ₂ O	0 - 1
Na ₂ O	0 - 3
K ₂ O	7 - 10
with Li ₂ O + Na ₂ O + K ₂ O	7 - 12.5
ZnO	0 - 1
ZrO ₂	2.5 - 6

and optionally at least one refining agent in a standard amount for refining.

8.(previously presented) Aluminum-free borosilicate glass as defined in claim 1, characterized by a composition, in percent by weight, based on oxide content, of:

SiO ₂	74 - 78
B ₂ O ₃	12 - 15
Li ₂ O	0 - 1
Na ₂ O	0 - 3
K ₂ O	3 - 8
with Li ₂ O + Na ₂ O + K ₂ O	3 - 11
ZnO	0 - 1
ZrO ₂	2.5 - 7

and optionally at least one refining agent in a standard amount for refining.

9.(previously presented) Aluminum-free borosilicate glass as defined in claim 1, and containing at least 0.2 percent by weight of said Li₂O.

10.(previously presented) Aluminum-free borosilicate glass as defined in claim 1, and containing at least 0.3 percent by weight of said Na_2O .

11.(previously presented) Aluminum-free borosilicate glass as defined in claim 1, and containing at least 0.5 percent by weight of said Na_2O .

12.(previously presented) Aluminum-free borosilicate glass as defined in claim 1, and containing at least 0.2 percent by weight of said Li_2O and at least 0.3 percent by weight of said Na_2O .

13.(previously presented) Aluminum-free borosilicate glass as defined in claim 1, free of As_2O_3 and Sb_2O_3 apart from inevitable impurities thereof.

14.(previously presented) Aluminum-free borosilicate glass as defined in claim 1, having a coefficient of thermal expansion α (20°C ; 300°C) of between 3.0×10^{-6} /K and 6×10^{-6} / K and a working point V_A of between 990°C and 1290°C .

Claims 15 to 21 (canceled).